

# EXHIBIT B

# EXHIBIT B



September 21, 2018

via Federal Express (773298930176)

Mr. Timothy Coward  
Bureau of Land Management  
Tonopah Field Office  
P.O. Box 911 (1553 South Main Street)  
Tonopah, Nevada 89049-0911

RE: Paradigm Minerals USA Corp., Rhyolite Ridge Exploration Project – New Notice,  
Esmeralda County, Nevada

Dear Mr. Coward:

On behalf of Paradigm Minerals USA, Corp. (PMU), EM Strategies, Inc. (EM Strategies) is submitting a full replacement to the Notice for exploration activities planned at the Rhyolite Ridge Exploration Project (Project) originally submitted on August 28, 2018. The Notice has been revised to adjust locations of planned surface disturbance in order to avoid impacting cultural resources. Emily Whorton, EM Strategies' Cultural Program Manager, will be in touch with the Bureau of Land Management Tonopah Field Office Archaeologist regarding required monitoring during Notice activities. Please provide EM Strategies with a courtesy copy of all correspondence for the Project. If you have any questions or need additional information, please contact our office at (775) 753-9496.

Sincerely,

**EM Strategies, Inc.**

A handwritten signature in blue ink, appearing to read "K Sweet", is written over a light blue horizontal line.

Kaitlin C. Sweet  
Elko Manager

Enclosure

cc: Mr. Matt Weaver - PMU (w/enclosure via email: [mweaver@globalgeo.com.au](mailto:mweaver@globalgeo.com.au))



## Notice

### Rhyolite Ridge Exploration Project

September 21, 2018

Paradigm Minerals USA Corp. (PMU) intends to conduct exploration activities at the Rhyolite Ridge Exploration Project (Project) located in Sections 19, 20, 28, 29, and 32, Township 1 South, Range 37 East (T1S, R37E), Mount Diablo Base and Meridian in Esmeralda County, Nevada (Project Area). PMU plans to drill bore holes, drill and install a ground water monitoring/piezometer well, and conduct test pit excavations, accessed by existing roads and planned overland travel routes. The locations of planned exploration activities are shown on Figure 1, Appendix 1. Planned surface disturbance under the Notice totals **3.96 acres**. PMU files this Notice pursuant to the provisions of 43 Code of Federal Regulations (CFR) 3809.300.

1. Name of Operator: Paradigm Minerals USA Corp.

Name of Corporate Contact: Matt Weaver, Senior Vice President

Mailing Address: Paradigm Minerals USA Corp.  
241 Ridge Street, Suite 210  
Reno, Nevada 89501

Tax Identification Number: 98-0594815

Owners of Mining Claims: Paradigm Minerals Arizona Corp  
241 Ridge Street, Suite 210  
Reno, Nevada 89501

2. Bureau of Land Management (BLM) Serial Numbers and Names of Claims on Which Disturbance will Occur:

Claim Name	NMC #
SLM 15	NMC1171550
SLM 17	NMC1171552
SLM 19	NMC1171554
SLM 28	NMC1171563
SLM 30	NMC1171565
SLM 32	NMC1171567
SLM 34	NMC1171569
SLM 53	NMC1171588
SLM 55	NMC1171590
SLM 57	NMC1171592
SLM 58	NMC1171593
SLM 60	NMC1171595
SLM 62	NMC1171597

Claim Name	NMC #
SLM 64	NMC1171599
SLM 69	NMC1171604
SLM 7	NMC1171542
SLM 74	NMC1171609
SLM 87	NMC1171622
SLM 88	NMC1171623
SLM 89	NMC1171624
SLM 90	NMC1171625
SLM 91	NMC1171626
SLM 92	NMC1171627
SLM 93	NMC1171628
SLM 94	NMC1171629

3. Location of Proposed Activities: The Project is located approximately 40 air miles west-southwest from Tonopah (Figure 1) and can be reached from Tonopah by traveling west 34 miles on United States Highway 6, then turning south onto State Highway 265 and traveling 21 miles, just past the town of Silver Peak. Turn west onto Coyote Road and travel another 17 miles until reaching the Project Area. The Project Area is located on the Rhyolite Ridge SW 7 ½ minute United States Geological Survey (USGS) Quadrangle map. The location is shown on Figure 1, Appendix 1.
4. Existing Disturbance in the Project Area: There are several existing tracks and trails located within the Project Area, as shown on Figure 1.
5. Project Description: PMU plans to conduct exploration drilling at the Project from up to 11 constructed drill sites, one ground water monitoring/piezometer well site, and 24 test pit excavations accessed via existing roads and planned overland travel routes. Drill sites (including the well site) will be constructed with an average working area of 100 feet long by 50 feet wide. Sumps approximately 20 feet long by ten feet wide by 6.75 feet deep will be excavated within site disturbance to collect drill cuttings and manage fluids. Only two of the 11 planned boring locations and the ground water monitoring/piezometer well are anticipated to require the use of sumps. The ground water monitoring well will be completed with four-inch diameter steel casing up to 360 feet deep. The test pits will be excavated within working areas with the dimensions of 30 feet long by 30 feet wide. The test pits will be excavated with the approximate dimensions of 20 feet long by three feet wide and up to ten feet deep. Approximately 15,100 linear feet of overland travel routes will be utilized with an approximate disturbance width of six feet (undisturbed ground between the tracks not included). PMU has justified that the overland travel width of six feet is practical as the geotechnical explorations (test pits and non-well boreholes) will only be accessed once and will be backfilled and abandoned immediately upon completion. PMU's planned exploration activities are shown on Figure 1.

The planned well will be drilled to a depth of 360 feet using a reverse-circulation (RC) rig. The geotechnical holes will be completed with a rotary drill to a maximum depth of 100 feet. Hollow-stem augers will be used to advance the boring through overburden and diamond core drilling will be used to advance the borings in rock. Water for the Project will be obtained by a private contractor. The drill crew and geologists will use 4-wheel drive vehicles to access the site. Support vehicles and equipment for the exploration drilling activities include pick-up trucks, pipe trucks, and water trucks.

The depth to the water table in the areas of proposed drilling is unknown; however, for the bond calculation assumptions, 100 feet below ground surface is assumed for reclamation and hole abandonment estimations.

6. Approximate Surface Disturbance: The following specifics apply to the Project:

**Planned Surface Disturbance**

- Twenty-four test pit excavation areas with the approximate dimensions of 30 feet long by 30 feet wide = **0.50 acre**;

- Twelve drill sites (including the well site) constructed with the approximate dimensions of 100 feet long by 50 feet wide = **1.38 acres**; and
- Approximately 15,100 linear feet of overland travel routes with a running width (disturbance of two tracks) of six feet = **2.08 acres**.

**Total Planned Surface Disturbance = 3.96 acres.**

7. Schedule of Activities: PMU anticipates that Project activities will commence in September 2018. Reclamation activities will likely be completed in the Summer of 2020; however, revegetation activities are limited by the time of year during which they can be effectively implemented. Site conditions or yearly climatic variations may require that this schedule be modified to achieve revegetation success. Once a site or road is no longer needed for exploration, the site will be reclaimed.
8. Measures Taken to Prevent Unnecessary or Undue Degradation: Operations will be conducted consistent with 43 CFR 3809.415 and 3809.420.
  - Existing access routes and overland travel routes will be used.
  - Only nontoxic fluids will be used in the drilling process.
  - PMU will not knowingly disturb, alter, injure, or destroy any scientifically important paleontological deposits; or any historical or archaeological site, structure, building, or object. If PMU discovers any cultural or paleontological resource that might be altered or destroyed by operations, the discovery will be left intact and reported to the authorized BLM officer.
  - Any survey monuments, witness corners, or reference monuments will be protected to the extent economically and technically feasible.
  - Public safety will be maintained throughout the life of the Project. All equipment will be maintained in a safe and orderly manner.
  - All solid wastes will be removed from the Project Area and disposed of in a state, federal, or local designated site.
  - Hazardous substances utilized at the Project will include diesel fuel, gasoline, and lubricating grease. Approximately 100 gallons of diesel fuel and gasoline will be stored in fuel delivery systems on the drill rig and support vehicles. Approximately 50 pounds of lubricating grease will be stored on the drill rig or transported by drill trucks. In the event that hazardous or regulated materials were spilled, measures will be taken to control the spill and the BLM and the Nevada Division of Environmental Protection (NDEP) will be notified as required. Any hazardous substance spills will be cleaned immediately and any resulting waste will be transferred off site in accordance with all applicable local, state, and federal regulations. Contract drillers will maintain spill kits on site for use in case of a spill.

- PMU will comply with all applicable state and federal fire laws and regulations and all reasonable measures will be taken to prevent and suppress fires in the Project Area.
  - Best Management Practices (BMPs) for sediment control will be utilized during construction, operation, and reclamation to minimize sedimentation from disturbed areas. Sumps could include, but not be limited to, fabric or certified weed-free straw bale filter fences, siltation or filter berms, and downgradient drainage channels in order to prevent unnecessary or undue degradation to the environment.
  - All drill holes will be abandoned in accordance with the State of Nevada Regulations for Water Well and Related Drilling (Nevada Administrative Code [NAC]/Nevada Revised Statutes [NRS] Chapter 534), specifically per NAC 534.4371.
  - All reasonable steps will be taken to minimize the introduction of noxious weeds and to limit the spread of any existing infestations.
9. Reclamation: Reclamation will be completed to the standards described in 43 CFR 3809.420. Exploration drill sites will be regraded to the natural contour and slope of the surrounding topography and to the pre-Project condition. All spoil piles from sediment trap construction will be stockpiled at drill site locations and recontoured at such time as the drill site will no longer be used. Test pit excavations will be backfilled once the samples are collected. All earthwork will be completed with a Caterpillar Backhoe, or equivalent equipment. Overland travel will be ripped and seeded. Reclamation of the piezometer/ground water monitoring well will be cutting the casing to ground surface, plugging the drill hole with cement, and reclaiming the typical-sized drill pad and sump. The regraded and/or ripped areas will then be seeded with a BLM-approved seed mix, at the appropriate time of year for optimum seed sprouting and plant growth. The seeding will be completed with a manual broadcaster and raked. The reclaimed surfaces will be left in a textured or rough condition (small humps, pits, etc.). The broadcast seed application rate will vary based on the shrub, forb, and grass species selected. Native seed will be used when available. Only certified weed-free seed will be used for reclamation seeding. Post-reclamation maintenance will consist of remedial dirt work and reseeding, if required.
- Site monitoring for stability and revegetation success will be conducted on an annual basis, during the spring or fall, or until attainment of the revegetation standards established in the *Nevada Guidelines for Successful Revegetation for the Nevada Division of Environmental Protection, the Bureau of Land Management, and the USDA Forest Service* (Instruction Memorandum #NV 99-013).
10. Reclamation Cost Estimate: The reclamation cost estimate (Appendix 2), as required by 43 CFR 3809.552, is attached to this Notice. The Standardized Reclamation Cost Estimator, Version 1.4.1, Build 017b including 2018 cost data, with the 2018 Mobilization/Demobilization worksheet was used to estimate reclamation costs for the Project.

The following assumptions have been made in calculating the reclamation cost estimate:


- Twelve constructed drill sites approximately at 100 feet long by 50 feet wide will be recontoured, ripped, and seeded.
- Twenty-four test pits with the approximate excavation dimensions of 20 feet long by three feet wide and 20 feet deep (maximum) will be backfilled. The larger test pit working areas with the approximate dimensions of 30 feet long by 30 feet wide will be recontoured and seeded.
- Abandonment of one ground water monitoring well with a casing diameter of four inches and average depth of 360 feet.
- Approximately 15,100 linear feet of overland travel routes with a running width (disturbance of two tracks only) of six feet will be ripped and seeded.
- A Caterpillar Backhoe, or equivalent equipment, will be used for all reclamation earthwork including recontouring and scarifying sumps. The disturbed area will be seeded by a manual broadcast method and raked.
- The total estimated reclamation cost for the total planned disturbance contained in this Notice is **\$33,203.00**.

RHYOLITE RIDGE EXPLORATION PROJECT  
ESMERALDA COUNTY, NEVADA

PARADIGM MINERALS USA CORP.  
NOTICE

11. Signature Page

**Paradigm Minerals USA Corp.**

By   
Matt Weaver, Senior Vice President

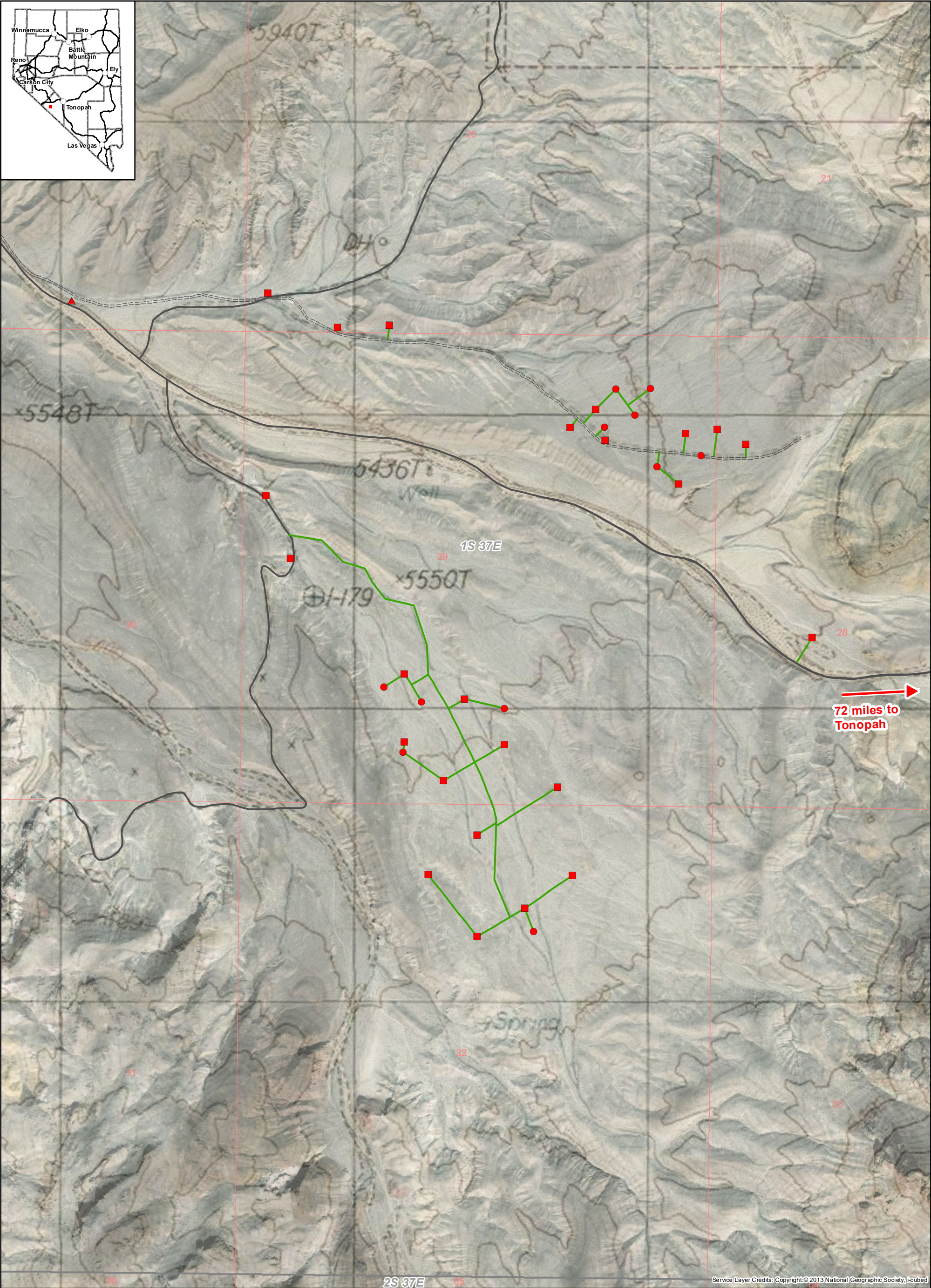
Date September 21, 2018



# Appendix 1

## Figure and Drill Site/Test Pit/Trenching Schematic





**Explanation**

— Existing Road

== Existing Jeep Trail

**Planned**

■ Test Pit (24)

● Bore Hole (11)

▲ Ground Water Monitoring Well (1)

— Overland Travel (15,100 feet)

**PARADIGM MINERALS USA CORP**

**RHYOLITE RIDGE NOTICE**

**Project Location and Planned Activities**

Figure 1

Date: 09/21/2018 Drawn By: WDL

Revised: Project No.: 3843

Base Map: USGS 7.5' quad: Rhyolite Ridge SW

File Name: 3843W\_RhyoliteRidge\_Notice.mxd

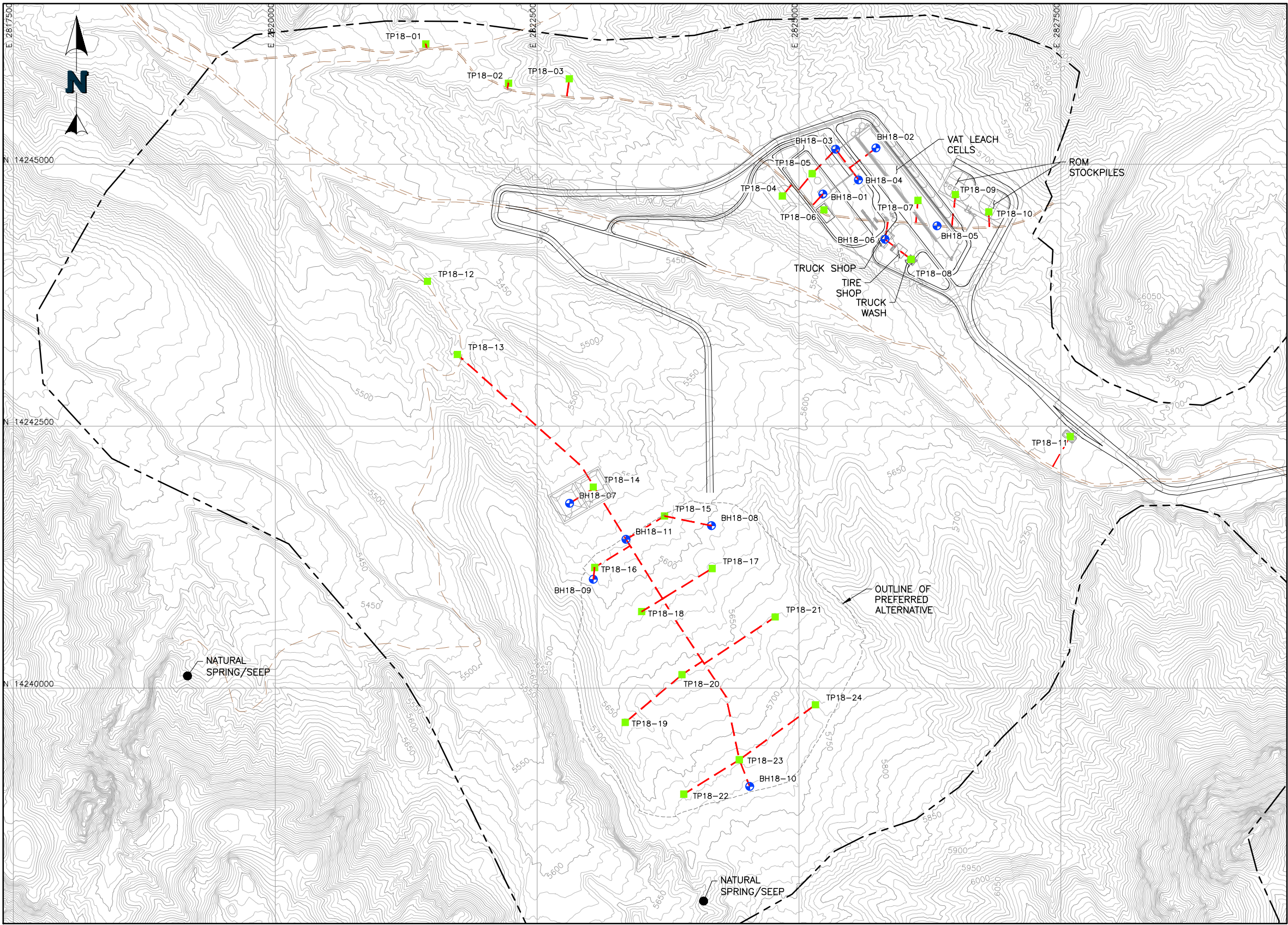
Land Status: All BLM

0 1,000 2,000 Feet

N



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LEGEND:

- EXISTING GROUND CONTOURS
- EXISTING ROADS/TRAILS
- PROJECT BOUNDARY
- GEOTECHNICAL SITE ACCESS ROAD




DESCRIPTION OF DISTURBANCE	DIMENSION OF DISTURBANCE	PUBLIC LAND (ACRES)
GEOTECHNICAL TEST PITS	(24) 30 FEET BY 30 FEET	0.50
GEOTECHNICAL BORE HOLES	(11) 40 FEET BY 100 FEET	1.01
GEOTECHNICAL SITE ACCESS ROADS	6 FEET WIDE BY 14,000 FEET	1.93
TOTAL		3.44

REFERENCE: SPCS NVW USft NAD83

PROPOSED TEST PIT LOCATIONS		
POINT	NORTHING	EASTING
TP18-01	14,246,148.11	2,821,436.90
TP18-02	14,245,773.18	2,822,227.23
TP18-03	14,245,815.36	2,822,806.50
TP18-04	14,244,697.15	2,824,840.55
TP18-05	14,244,909.94	2,825,125.54
TP18-06	14,244,564.12	2,825,237.14
TP18-07	14,244,655.25	2,826,135.40
TP18-08	14,244,092.02	2,826,069.45
TP18-09	14,244,710.48	2,826,492.49
TP18-10	14,244,545.12	2,826,811.94
TP18-11	14,242,400.94	2,827,588.96
TP18-12	14,243,882.75	2,821,452.59
TP18-13	14,243,184.06	2,821,738.74
TP18-14	14,241,919.30	2,823,035.70
TP18-15	14,241,642.89	2,823,715.68
TP18-16	14,241,151.94	2,823,049.10
TP18-17	14,241,141.90	2,824,170.92
TP18-18	14,240,730.37	2,823,497.69
TP18-19	14,239,673.47	2,823,341.12
TP18-20	14,240,128.39	2,823,882.80
TP18-21	14,240,678.90	2,824,772.85
TP18-22	14,238,988.20	2,823,900.08
TP18-23	14,239,316.44	2,824,430.24
TP18-24	14,239,840.47	2,825,156.32

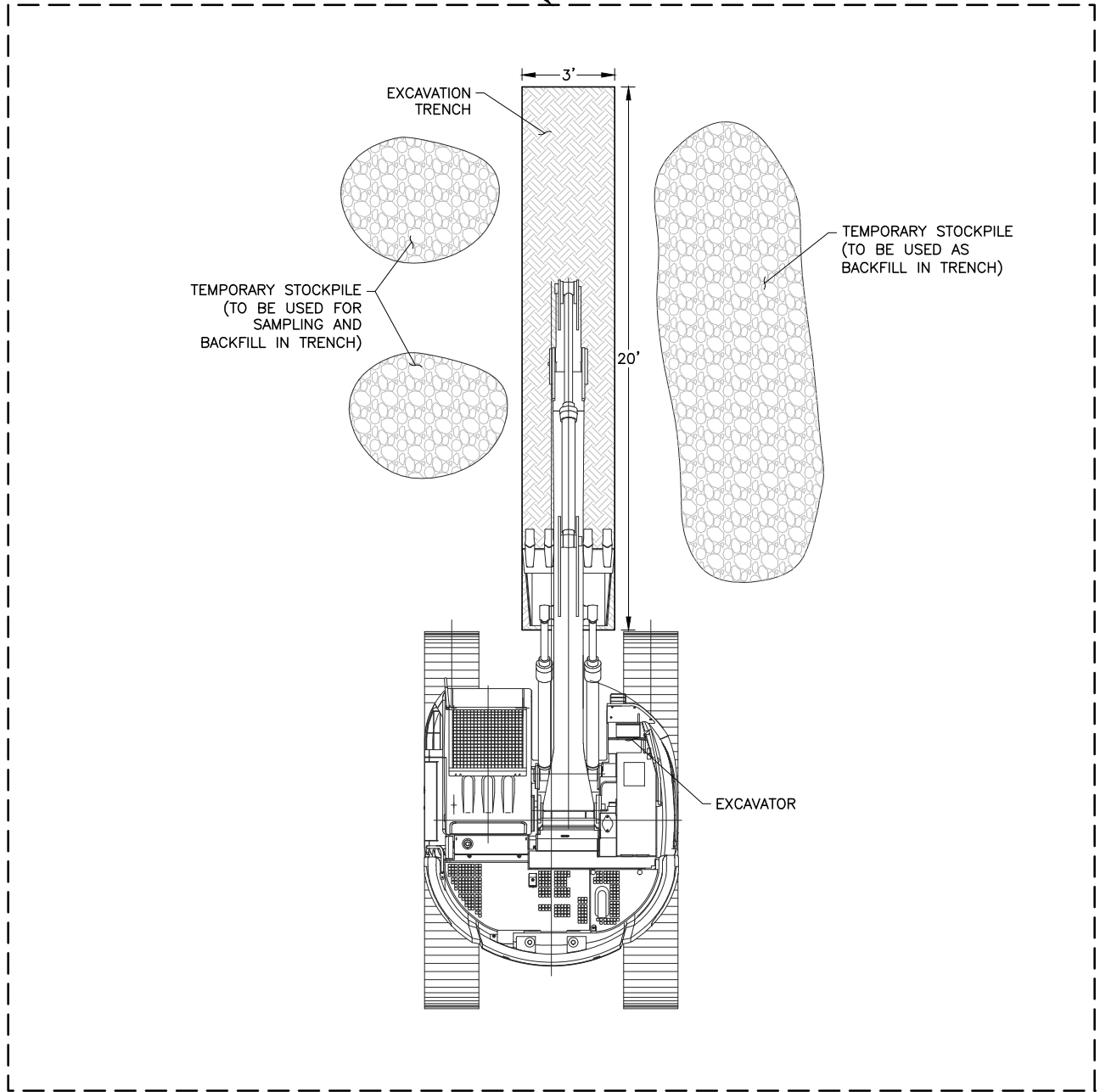
PROPOSED BOREHOLE LOCATIONS			
POINT	NORTHING	EASTING	DEPTH
BH18-01	14,244,715.42	2,825,228.66	25.00
BH18-02	14,245,154.87	2,825,735.34	40.00
BH18-03	14,245,142.47	2,825,350.46	40.00
BH18-04	14,244,850.44	2,825,568.87	25.00
BH18-05	14,244,410.98	2,826,317.99	40.00
BH18-06	14,244,283.11	2,825,821.49	40.00
BH18-07	14,241,764.00	2,822,810.11	40.00
BH18-08	14,241,549.57	2,824,164.93	40.00
BH18-09	14,241,038.18	2,823,036.42	40.00
BH18-10	14,239,061.97	2,824,529.15	100.00
BH18-11	14,241,419.24	2,823,348.44	100.00

**DRAFT**

 <b>NewFields</b>		CLIENT PARADIGM MINERALS USA CORPORATION	
PROJECT RYHOLITE RIDGE MINE TRADE-OFF STUDY			
TITLE GEOTECHNICAL INVESTIGATION		FILENAME 350.0373.005.F2—rev2	
		FIGURE NO. 1	REVISION 2



TEST PIT PAD DISTURBANCE AREA 30'X30'  
BORE HOLE PAD DISTURBANCE AREA 40'X100'



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CLIENT

PARADIGM MINERALS  
USA CORPORATION

PROJECT

RHYOLITE RIDGE MINE

TITLE

TEST PIT AND BORE HOLE EXCAVATION  
LAYOUT AND DISTURBANCE AREA

FILENAME

350.0373.005F17

FIGURE NO.

2

REVISION

A

## Appendix 2

# Reclamation Cost Estimate

**Closure Cost Estimate  
Property Information**

Enter Data Below in Green and Blue Spaces

**STANDARDIZED RECLAMATION COST ESTIMATOR**

Version 1.4.1

Build 017b (revised to work with Excel 2016 - 24 Oct 2016)

**Approved for use in Nevada, August 1, 2012**

COST DATA FILE INFORMATION	
File Name:	3843I.Rhyolite Ridge Notice.RCE.V2.xlsm
Cost Data File:	SRCE_Cost_Data_File_1_12_Std_2018.xlsm
Cost Data Date:	August 1, 2018
Cost Data Basis:	User Data      Data Cost Units: Imperial
Author/Source:	Nevada Division of Environmental Protection (NDEP) & NV BLM
PROJECT INFORMATION	
Property/Mine Name:	Rhyolite Ridge Exploration Project      Property Code: <span style="background-color: #c6efce; border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>
Project Name:	Rhyolite Ridge Exploration Project
Date of Submittal:	September 2018      Average Altitude: <span style="background-color: #c6efce; border: 1px solid black; display: inline-block; width: 100px; text-align: center;">5000</span> ft.
Select One:	<input checked="" type="radio"/> Notice or Sm Exploration Plan <input type="radio"/> Lg Exploration Plan <input type="radio"/> Mine Operation
Select One:	<input type="radio"/> Private Land <input checked="" type="radio"/> Public or Public/Private
Cost Estimate Type:	Surety
Cost Basis Category:	<div style="border: 1px solid black; padding: 2px;">S. Nevada Notice Level ▼</div>
Cost Basis Description:	Clark, Esmeralda, Lincoln and Nye Counties

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SRCE Software. All Rights Reserved

Project Name: Rhyolite Ridge Exploration Project  
 Project Date: September 2018  
 Model Version: Version 1.4.1  
 File Name: 3843I.Rhyolite Ridge Notice.RCE.V2.xlsm

A. Earthwork/Recontouring	Labor <sup>(1)</sup>	Equipment <sup>(2)</sup>	Materials	Total
Exploration	\$2,218	\$2,973	\$12	\$5,203
Exploration Roads & Drill Pads	\$1,248	\$1,932	\$0	\$3,180
Roads	\$0	\$0	\$0	\$0
Well Abandonment	\$383	\$132	\$3	\$518
Pits	\$0	\$0	N/A	\$0
Quarries & Borrow Areas	\$0	\$0	\$0	\$0
Underground Openings	\$0	\$0	\$0	\$0
Process Ponds	\$0	\$0	\$0	\$0
Heaps	\$0	\$0	\$0	\$0
Waste Rock Dumps	\$0	\$0	\$0	\$0
Landfills	\$0	\$0	\$0	\$0
Tailings	\$0	\$0	\$0	\$0
Foundation & Buildings Areas	\$0	\$0	\$0	\$0
Yards, Etc.	\$0	\$0	\$0	\$0
Drainage & Sediment Control	\$0	\$0	\$0	\$0
Generic Material Hauling	\$0	\$0	\$0	\$0
Other User Costs (from Other User sheet)	\$0	\$0	\$0	\$0
Other**				\$0
<b>Subtotal</b>	<b>\$3,849</b>	<b>\$5,037</b>	<b>\$15</b>	<b>\$8,901</b>
Mob/Demob if included in Other User sheet	\$0	\$0	\$0	\$0
Mob/Demob	\$5,454	\$5,454		\$10,908
<b>Subtotal "A"</b>	<b>\$9,303</b>	<b>\$10,491</b>	<b>\$15</b>	<b>\$19,809</b>
B. Revegetation/Stabilization	Labor <sup>(1)</sup>	Equipment <sup>(2)</sup>	Materials	Total
Exploration	\$100	\$38	\$73	\$211
Exploration Roads & Drill Pads	\$468	\$178	\$1,547	\$2,193
Roads	\$0	\$0	\$0	\$0
Well Abandonment				N/A
Pits	\$0	\$0	\$0	\$0
Quarries & Borrow Areas	\$0	\$0	\$0	\$0
Underground Openings				N/A
Process Ponds	\$0	\$0	\$0	\$0
Heaps	\$0	\$0	\$0	\$0
Waste Rock Dumps	\$0	\$0	\$0	\$0
Landfills	\$0	\$0	\$0	\$0
Tailings	\$0	\$0	\$0	\$0
Foundation & Buildings Areas	\$0	\$0	\$0	\$0
Yards, Etc.	\$0	\$0	\$0	\$0
Drainage & Sediment Control	\$0	\$0	\$0	\$0
Generic Material Hauling	\$0	\$0	\$0	\$0
Other User Costs (from Other User sheet)	\$0	\$0	\$0	\$0
Other**				\$0
<b>Subtotal "B"</b>	<b>\$568</b>	<b>\$216</b>	<b>\$1,620</b>	<b>\$2,404</b>
C. Detoxification/Water Treatment/Disposal of Wastes**	Labor <sup>(1)</sup>	Equipment <sup>(2)</sup>	Materials	Total
Process Ponds/Sludge				\$0
Heaps				\$0
Dumps (Waste & Landfill)				\$0
Tailings				\$0
Surplus Water Disposal				\$0
Monitoring				\$0
Miscellaneous				\$0
Solid Waste - On Site	\$0	\$0	N/A	\$0
Solid Waste - Off Site				\$0
Hazardous Materials				\$0
Hydrocarbon Contaminated Soils	\$0	\$0	\$0	\$0
Other User Costs (from Other User sheet)	\$0	\$0	\$0	\$0
Other**				\$0
<b>Subtotal "C"</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
D. Structure, Equipment and Facility Removal, and Misc.	Labor <sup>(1)</sup>	Equipment <sup>(2)</sup>	Materials	Total
Foundation & Buildings Areas	\$0	\$0	\$0	\$0
Other Demolition	\$0	\$0	\$0	\$0
Equipment Removal	\$0	\$0	\$0	\$0
Fence Removal	\$0	\$0	\$0	\$0
Fence Installation	\$0	\$0	\$0	\$0
Culvert Removal	\$0	\$0	N/A	\$0
Pipe Removal	\$0	\$0	N/A	\$0
Powerline Removal	\$0			\$0
Transformer Removal	\$0			\$0
Rip-rap, rock lining, gabions	\$0	\$0	\$0	\$0
Other Misc. Costs	\$0	\$0	\$0	\$0
Other User Costs (from Other User sheet)	\$0	\$0	\$0	\$0
Other**				\$0
<b>Subtotal "D"</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
E. Monitoring	Labor <sup>(1)</sup>	Equipment <sup>(2)</sup>	Materials	Total
Reclamation Monitoring and Maintenance	\$4,145	\$502	\$162	\$4,809
Ground and Surface Water Monitoring	\$0	\$0	\$0	\$0
Other User Costs (from Other User sheet)	\$0	\$0	\$0	\$0
<b>Subtotal "E"</b>	<b>\$4,145</b>	<b>\$502</b>	<b>\$162</b>	<b>\$4,809</b>
F. Construction Management & Support	Labor	Equipment <sup>(2)</sup>	Materials	Total
Construction Management	\$0	\$0	N/A	\$0
Construction Support	\$0	\$0	\$0	\$0
Road Maintenance	\$0	\$0	\$0	\$0
Other User Costs (from Other User sheet)	\$0	\$0	\$0	\$0
Other**				\$0
<b>Subtotal "F"</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Subtotal Operational & Maintenance Costs	Labor <sup>(1)</sup>	Equipment <sup>(2)</sup>	Materials <sup>(3)</sup>	Total
<b>Subtotal A through F</b>	<b>\$14,016</b>	<b>\$11,209</b>	<b>\$1,797</b>	<b>\$27,022</b>

\*\* Other Operator supplied costs - additional documentation required.

**Reclamation Cost Estimate  
Cost Summary**

**Project Name: Rhyolite Ridge Exploration Project  
Project Date: September 2018  
Model Version: Version 1.4.1  
File Name: 3843I.Rhyolite Ridge Notice.RCE.V2.xlsm**

Indirect Costs			Include?	Total
1. Engineering, Design and Construction (ED&C) Plan (7)				N/A
2. Contingency (8)				N/A
3. Insurance (9)	\$210			\$210
4. Performance Bond (10)				N/A
5. Contractor Profit (11)				\$2,702
6. Contract Administration (12)				\$2,702
7. Government Indirect Cost (13)				\$567
Subtotal Add-On Costs				\$6,181
Total Indirect Costs as % of Direct Cost				23%
GRAND TOTAL				\$33,203
Administrative Cost Rates (%)				
		Cost Ranges for Indirect Cost Percentages		
		<=	<=	>
1. Engineering, Design and Construction (ED&C) Plan (7)		\$1,000,000	\$25,000,000	\$25,000,000
Variable Rate		8%	6%	4%
2. Contingency (8)		\$500,000	\$5,000,000	\$50,000,000
Variable Rate		10%	8%	6%
3. Insurance (9)		1.5% of labor costs		
4. Bond (10)		3.0% of the O&M costs if O&M costs are >\$100,000		
5. Contractor Profit (11)		10% of the O&M costs		
6. Contract Administration (12)		<=	<=	>
		\$1,000,000	\$25,000,000	\$25,000,000
Variable Rate		10%	8%	6%
Government Indirect Cost (13)		21% of contract administration		

**RECLAMATION COST ESTIMATION SUMMARY SHEET FOOTNOTES**

1. Federal construction contracts require Davis-Bacon wage rates for contracts over \$2,000. Wage rate estimates may include base pay, payroll loading.
2. The reclamation cost estimate must include the estimated plugging cost of at least one drill hole for each active drill rig in the project area. Where the
3. Miscellaneous items should be itemized on accompanying worksheets.
4. Fluid management should be calculated only when mineral processing activities are involved. Fluid management represents the costs of maintaining
5. Handling of hazardous materials includes the cost of decontaminating, neutralizing, disposing, treating and/or isolating all hazardous materials used.
6. Any mitigation measures required in the Plan of Operations must be included in the reclamation cost estimate. Mitigation may include measures to avoid,
7. Engineering, design and construction (ED&C) plans are often necessary to provide details on the reclamation needed to contract for the required work. To
8. A contingency cost is included in the reclamation cost estimation to cover unforeseen cost elements. Calculate the contingency cost as a percentage of the
9. Insurance premiums are calculated at 1.5% of the total labor costs. Enter the premium amount if liability insurance is not included in the itemized unit
10. Federal construction contracts exceeding \$100,000 require both a performance and a payment bond (Miller Act, 40 USC 270et seq.). Each bond premium
11. For Federal construction contracts, use 10% of estimated O&M cost for the contractor's profit.
12. To estimate the contract administration cost, use 6 to 10% of the operational and maintenance (O&M) cost. Calculate the contract administration cost as a
13. Government indirect cost rate is 21% of the contract administration costs.



**Closure Cost Estimate  
Exploration**

Project Name: Rhyolite Ridge Exploration Project- Notice or Exploration  
 Date of Submittal: September 2018  
 File Name: 38431.Rhyolite Ridge Notice.RCE.V2.xlsm  
 Model Version: Version 1.4.1  
 Cost Data: User Data  
 Cost Data File: SRCE\_Cost\_Data\_File\_1\_12\_Std\_2018.xlsm  
 Cost Estimate Type: Surety Cost Basis: S. Nevada Notice Level

Exploration - Cost Summary				
	Labor	Equipment	Materials	Totals
Hole Abandonment Costs	\$383	\$132	\$12	\$527
Trench Backfilling Costs	\$1,835	\$2,841		\$4,676
Subtotal Earthworks	<b>\$2,218</b>	<b>\$2,973</b>	<b>\$12</b>	<b>\$5,203</b>
Trench Revegetation Costs	\$100	\$38	\$73	\$211
TOTALS	<b>\$2,318</b>	<b>\$3,011</b>	<b>\$85</b>	<b>\$5,414</b>

Exploration Drillhole Abandonment - User Input										
Facility Description			Hole Plugging							
	Description (required)	ID Code	Hole Type (select)	Diameter in	Total Number of Holes	Max Holes Open at One Time	Casing to Remove ft	Average Depth of Hole <sup>(1)</sup> ft bgs	Depth to Water ft bgs	Hole Plug Method (select)
1	Shallow Borehole Drilling		Rotary	8.0	11.0	1.0	0.0	100.0	100.0	Grout + Backfill

Notes:

1. If core holes are pre-drilled, use length of hole below pre-drilled length
2. If Top Plug is selected, assumes maximum 1/2hr laborer time to place plug and backfill with cuttings/soil (including move-to/set up time).

Geotechnical boreholes will be drilled to a maximum depth of 100 feet; therefore, 100 feet is included to maintain a conservative abandonment estimate.

Exploration Trenches - User Input													
Facility Description			Trench Parameters					Backfill			Revegetation		
	Description (required)	ID Code	Trench Length ft	Trench Depth ft	Trench Bottom Width ft	Trench Sideslope Angle degrees	Additional Hrs for Walk-in <sup>(1)</sup> hr	Backfill Material (select)	Cut Material Type (select)	Backfilling Fleet (select)	Seed Mix (select)	Mulch (select)	Fertilizer (select)
1	Test Pit Excavations (24) 20-foot long trenches		480	20.0	3.0	85.0	1.0	1	Alluvium	Small Dozer	Mix 3	None	None

Notes:

1. Include one-way hours necessary to walk equipment in from drop-off point to work area
2. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table

Trench length = 24' 20 feet

Trenches will have a maximum depth of 20 feet.

Exploration Drillhole Abandonment														
	Description (required)	Vol/foot of depth ft3	Hole Plugging Material <sup>(1)</sup>	Total Grout Volume <sup>(2)</sup> cy	Total Cuttings Volume cy	Total Top Seal Volume <sup>(3,4)</sup> cy	Total Drillhole Abandon. Hours <sup>(6,7)</sup> hrs	Casing Removal Labor Cost <sup>(5)</sup> \$	Casing Removal Equipment Cost \$	Plugging Labor Cost \$	Plugging Equipment Cost \$	Plugging Material Cost \$	Top Seal Material Cost <sup>(2,3)</sup> \$	Total Cost <sup>(6,7)</sup> \$
1	Shallow Borehole Drilling	0.350	Cuttings	0.00	0.39	0.32	3	\$0	\$0	\$383	\$132	\$0	\$12	\$527
					0.39	0.32	3	\$0	\$0	\$383	\$132	\$0	\$12	\$527

Notes:

1. Assumes grout backfill from bottom of hole to 50' (15.24m) above static water level, up to 10' (3m) from top of hole
2. Assumes 25% loss to formation for grout backfill
3. If "Top Plug" hole plug method is used, assumes physical plug installed without backfill, grout or cement. Not available option for Nevada projects
4. Assumes top 20' (6 m) of hole is plugged with cement if "Grout Only", "Backfill + Grout", or "Cement Plug" hole plug method are chosen.
5. Assumes that a) casing is not cemented entire length, b) does not include temporary surface casing
6. Assumes minimum 1 hr per hole for abandonment (excluding move-to and casing removal)
7. Assumes fixed hours per hole for setup & tear-down and moving between holes (see Productivity Sheet) per drill hole (includes rig time if grouting required, labor crew only if cuttings backfill only)

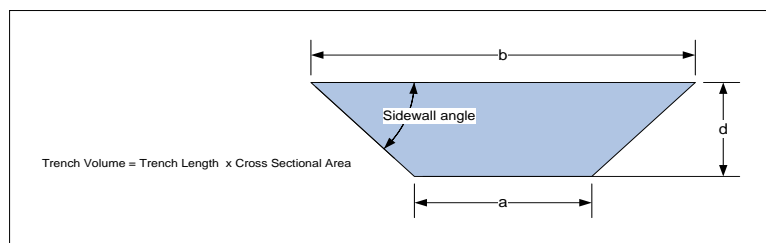
**Closure Cost Estimate  
Exploration**

Project Name: Rhyolite Ridge Exploration Project- Notice of Exploration  
 Date of Submittal: September 2018  
 File Name: 3843I.Rhyolite Ridge Notice.RCE.V2.xlsm  
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 Cost Data: User Data  
 Cost Data File: SRCE\_Cost\_Data\_File\_1\_12\_Std\_2018.xlsm  
 Cost Estimate Type: Surety Cost Basis: S. Nevada Notice Level

Exploration - Cost Summary				
	Labor	Equipment	Materials	Totals
Hole Abandonment Costs	\$383	\$132	\$12	\$527
Trench Backfilling Costs	\$1,835	\$2,841		\$4,676
Subtotal Earthworks	<b>\$2,218</b>	<b>\$2,973</b>	<b>\$12</b>	<b>\$5,203</b>
Trench Revegetation Costs	\$100	\$38	\$73	\$211
TOTALS	<b>\$2,318</b>	<b>\$3,011</b>	<b>\$85</b>	<b>\$5,414</b>

**Exploration Trenches - Calculations**

**Exploration Trench Volume Calculation**



**Dozing & Ripping/Scarifying Calculations**

**Dozing:** Dozing distance = 1/2 trench length or 400 ft (max push) whichever is less  
 Assumes flat push (grade correction factor = 1)

**Revegetation:** 10 ft added to trench width to account for revegetation under spoil pile

**Exploration Trenches - Backfill/Regrading Costs**

Productivity = Dozer Productivity x Grade Correction x Density Correction x Operator (0.75) x Material x Visibility x Job Efficiency (0.83)

	Description (required)	Trench Backfill Volume LCY (BCY+30%)	Dozer Push Distance ft	Equipment Productivity yd3/hr	Dozing Material 1.00	Density Correction 0.79	Backfilling Fleet D6R	Corrected Hourly Productivity yd3/hr	Total Dozer Hours hr	Trench Backfill Labor Cost \$	Trench Backfill Equipment Cost \$	Total Trench Backfill Cost \$
1	Test Pit Excavations (24) 20-foot long trenches	2,196	240	184	1.00	0.79	D6R	90	25	\$1,835	\$2,841	\$4,676
		2,196							25	<b>\$1,835</b>	<b>\$2,841</b>	<b>\$4,676</b>

**Exploration Trenches - Revegetation Costs**

	Description (required)	Surface Area acres	Revegetation Labor Cost \$	Revegetation Equipment Cost \$	Revegetation Material Cost \$	Total Revegetation Cost \$
1	Test Pit Excavations (24) 20-foot long trenches	0.20	\$100	\$38	\$73	\$211
		0.20	<b>\$100</b>	<b>\$38</b>	<b>\$73</b>	<b>\$211</b>

**Closure Cost Estimate  
Expl. Roads & Pads**

Project Name: Rhyolite Ridge Exploration Project- Notice of Exploration  
 Date of Submittal: September 2018  
 File Name: 3843I.Rhyolite Ridge Notice.RCE.V2.xlsm  
 Model Version: Version 1.4.1  
 Cost Data: User Data  
 Cost Data File: SRCE\_Cost\_Data\_File\_1\_12\_Std\_2018.xlsm  
 Cost Estimate Type: Surety Cost Basis: S. Nevada Notice Level

Exploration Roads & Pads - Cost Summary				
	Labor	Equipment	Materials	Totals
Grading Costs	\$1,248	\$1,932	N/A	\$3,180
Cover Placement Cost	\$0	\$0	N/A	\$0
Ripping/Scarifying Cost	\$0	\$0	N/A	\$0
Subtotal Earthworks	\$1,248	\$1,932		\$3,180
Revegetation Cost	\$468	\$178	\$1,547	\$2,193
<b>TOTALS</b>	<b>\$1,716</b>	<b>\$2,110</b>	<b>\$1,547</b>	<b>\$5,373</b>

Exploration Roads & Pads - User Input																	
You must fill in ALL green cells and relevant blue cells in this section for each road																	
Facility Description			Physical (1) - MANDATORY										User Overrides		Growth Media		
	Description (required)	ID Code	Underlying Ground Slope % grade	Ungraded Slope H:1V	Cut Slope degrees	Road + Drill Pad Length ft	Road Width ft	Number of Drill Pads	Individual Sump Volume cy	Drill Pad Width ft	Drill Pad Length ft	Slope Replacement Percent %	Regrade Volume (if calculated elsewhere) cy	Disturbed Area (if calculated elsewhere) acres	Growth Media Thickness in	Distance to Growth Media Stockpile ft	Slope from Road to Stockpile % grade
1	Planned Drill Sites (including MW Site)		10.0	1.3	35.0	1,200	0.0	12	52	50.0	100	100%					
2	Planned Test Pit Working Area		10.0	1.3	35.0	720	0.0	24	0	30.0	30	100%					
3	Planned Overland Travel		0.0	0.0	0.0	15,100	6.0	0	0	0.0	0	0%					

## Notes:

1. All Physical parameters must be input even if manual overrides for volume or area are used.
2. Slope replacement refers to the percentage of cut volume replaced during regrading.
3. If Slope from facility to borrow source is >20, downhill travel time may be underestimated due to limitation of uphill travel time curves and downhill speed tables from CAT Handbook (see Productivity Sheet)
4. Sump volume will be applied to all roads on slopes <20%. On slopes >20% pad width (i.e. cut volume) should be adequate to account for sump volume.

Exploration Roads & Pads - User Input (cont.)														
You must fill in ALL green cells and relevant blue cells in this section for each road														
		Grading				Growth Media				Revegetation				
	Description (required)	Regrade Material Condition (select)	Cut Material Type (select)	Recontouring Equipment Fleet (select)	Additional Hrs for Walk-in <sup>(1)</sup>	Growth Media Material Type (select)	Growth Media Placement Equipment Fleet (select)	Maximum Fleet Size (user override)	Additional Hrs for Walk-in <sup>(1)</sup>	Seed Mix (select)	Mulch (select)	Fertilizer (select)	Scarifying/ Ripping? (select)	Ripping Fleet (select)
1	Planned Drill Sites (including MW Site)	1	LS - broken	Small Dozer	1.0					Mix 3	None	None	No	
2	Planned Test Pit Working Area	1	LS - broken	Small Dozer	1.0					Mix 3	None	None	No	
3	Planned Overland Travel									Mix 3	None	None	No	

## Notes:

1. Include one-way hours necessary to walk equipment in from drop-off point to work area
2. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table

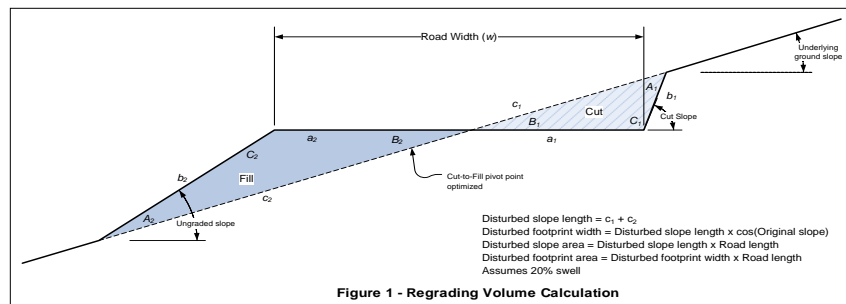
**Closure Cost Estimate  
Expl. Roads & Pads**

Project Name: Rhyolite Ridge Exploration Project- Notice of Exploration  
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 Cost Estimate Type: Surety Cost Basis: S. Nevada Notice Level

Exploration Roads & Pads - Cost Summary				
	Labor	Equipment	Materials	Totals
Grading Costs	\$1,248	\$1,932	N/A	\$3,180
Cover Placement Cost	\$0	\$0	N/A	\$0
Ripping/Scarifying Cost	\$0	\$0	N/A	\$0
Subtotal Earthworks	\$1,248	\$1,932		\$3,180
Revegetation Cost	\$468	\$178	\$1,547	\$2,193
<b>TOTALS</b>	<b>\$1,716</b>	<b>\$2,110</b>	<b>\$1,547</b>	<b>\$5,373</b>

**Exploration Roads & Pads - Calculations**

**Regrading Volume and Footprint Volume**



Will not allow dozer for slopes greater than 30%  
 For dozer regrading push distance = road width  
 Assumes dozer push is uphill  
 Assumes minimum push distance of 100 ft

Swell Factor: 1.2

**Ripping/Scarifying Calculations**

Minimum 1 hr ripping/scarifying time per area  
 Number of passes = Final slope length ÷ Grader width  
 Travel distance = Number of passes x Road length  
 Total hours = (Travel distance ÷ Grader productivity) + (Number of passes x Grader maneuver time)  
 For dozer regrading assumes push distance = 3 x road width

**Revegetation Calculations**

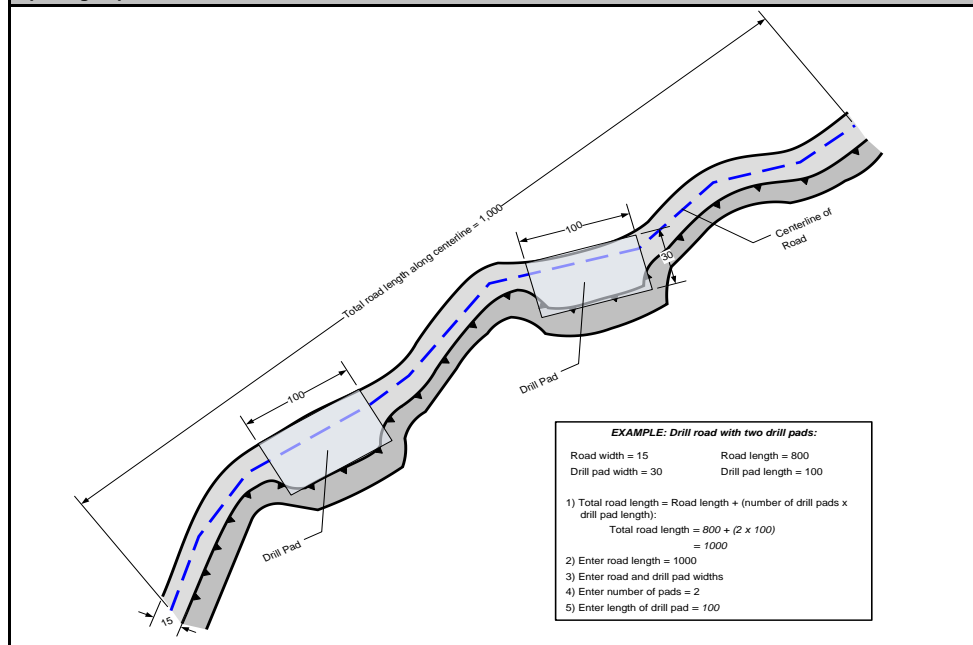
Minimum of 1 acre crew time per area

**Closure Cost Estimate  
Expl. Roads & Pads**

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 Cost Estimate Type: Surety Cost Basis: S. Nevada Notice Level

Exploration Roads & Pads - Cost Summary				
	Labor	Equipment	Materials	Totals
Grading Costs	\$1,248	\$1,932	N/A	\$3,180
Cover Placement Cost	\$0	\$0	N/A	\$0
Ripping/Scarifying Cost	\$0	\$0	N/A	\$0
Subtotal Earthworks	\$1,248	\$1,932		\$3,180
Revegetation Cost	\$468	\$178	\$1,547	\$2,193
<b>TOTALS</b>	<b>\$1,716</b>	<b>\$2,110</b>	<b>\$1,547</b>	<b>\$5,373</b>

**Inputting Exploration Roads and Drill Pads**



**Closure Cost Estimate  
Expl. Roads & Pads**

Project Name: Rhyolite Ridge Exploration Project- Notice of Exploration  
 Date of Submittal: September 2018  
 File Name: 3843I.Rhyolite Ridge Notice.RCE.V2.xlsm  
 Model Version: Version 1.4.1  
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 Cost Data File: SRCE\_Cost\_Data\_File\_1\_12\_Std\_2018.xlsm  
 Cost Estimate Type: Surety Cost Basis: S. Nevada Notice Level

Exploration Roads & Pads - Cost Summary				
	Labor	Equipment	Materials	Totals
Grading Costs	\$1,248	\$1,932	N/A	\$3,180
Cover Placement Cost	\$0	\$0	N/A	\$0
Ripping/Scarifying Cost	\$0	\$0	N/A	\$0
Subtotal Earthworks	\$1,248	\$1,932		\$3,180
Revegetation Cost	\$468	\$178	\$1,547	\$2,193
<b>TOTALS</b>	<b>\$1,716</b>	<b>\$2,110</b>	<b>\$1,547</b>	<b>\$5,373</b>

Exploration Roads & Pads - Regrading Costs										
	Description (required)	Total Road Length ft	Total Drill Pad Length ft	Regrading Volume cy	Recontouring Fleet	Equipment Productivity cy/hr	Total Equipment Hours <sup>(1)</sup> hr	Total Labor Cost \$	Total Equipment Cost \$	Total Regrading Cost \$
1	Planned Drill Sites (including MW Site)	0	1,200	2,382	D6R	93	13	\$954	\$1,477	\$2,431
2	Planned Test Pit Working Area	0	720	380	D6R	93	4	\$294	\$455	\$749
3	Planned Overland Travel	15,100	0			Material Type		\$0	\$0	\$0
		15,100	1,920	2,762			17	\$1,248	\$1,932	\$3,180

(1) Includes walk-in time based on distance and travel speed (see Productivity sheet for speeds)

Exploration Roads & Pads - Growth Media Costs									
	Description (required)	Growth Media Volume cy	Growth Media Replacement Fleet	Fleet Productivity LCY/hr	Number of Trucks/ Scrapers	Total Fleet Hours	Total Labor Cost \$	Total Equipment Cost \$	Total Growth Media Cost \$
1	Planned Drill Sites (including MW Site)						\$0	\$0	\$0
2	Planned Test Pit Working Area						\$0	\$0	\$0
3	Planned Overland Travel						\$0	\$0	\$0
							\$0	\$0	\$0

Exploration Roads & Pads - Scarifying/Revegetation Costs											
	Description (required)	Surface Area acres	Ripping/ Scarifying Fleet	Ripping Hours hrs	Ripping Labor Costs \$	Ripping Equipment Cost \$	Total Ripping Costs \$	Revegetation Labor Cost \$	Revegetation Equipment Cost \$	Revegetation Material Cost \$	Total Revegetation Cost \$
1	Planned Drill Sites (including MW Site)	1.60						\$160	\$61	\$581	\$802
2	Planned Test Pit Working Area	0.58						\$100	\$38	\$211	\$349
3	Planned Overland Travel	2.08						\$208	\$79	\$755	\$1,042
		4.26			\$0	\$0	\$0	\$468	\$178	\$1,547	\$2,193

Closure Cost Estimate  
Well Abandonment

Project Name: Rhyolite Ridge Exploration Project- Notice or Exploration  
Date of Submittal: September 2018  
File Name: 3843I.Rhyolite Ridge Notice.RCE.V2.xlsm  
Model Version: Version 1.4.1  
Cost Data: User Data  
Cost Data File: SRCE\_Cost\_Data\_File\_1\_12\_Std\_2018.xlsm  
Cost Estimate Type: Surety Cost Basis: S. Nevada Notice Level

Well Abandonment				
	Labor	Equipment	Materials	Totals
Production, Dewatering, Infiltration Wells	\$0	\$0	\$0	\$0
Monitoring Wells	\$383	\$132	\$3	\$518
TOTALS	\$383	\$132	\$3	\$518

Production, Dewatering and Infiltration Well Closure																											
	Description (required)	ID Code	Number of Holes	Casing Diam in	Average Depth <sup>(1)</sup> ft bgs	Depth to First Water ft bgs	Original Static Water Level ft bgs	Top of Slotted Casing <sup>(2)</sup> ft bgs	Blank Casing Below Top of Screen <sup>(2)</sup> ft	Type of Pump (if any) (select)	Depth to Pump ft bgs	Hole Plug Method (select)	Casing Volume per ft cf	Perforation Length <sup>(3,4)</sup> ft	Grout Volume per Hole <sup>(4,5)</sup> cy	Cement Volume per Hole <sup>(6)</sup> cy	Inert Media Volume per Hole <sup>(7)</sup> cy	Pump Removal Labor Cost \$	Pump Removal Equip Cost \$	Perf Labor Cost \$	Perf Equip Cost <sup>(8)</sup> \$	Grout + Cement Labor Cost <sup>(9)</sup> \$	Grout + Cement Equip Cost <sup>(9)</sup> \$	Grout + Cement Material Cost \$	Inert Media Labor Cost <sup>(10)</sup> \$	Inert Media Equip Cost <sup>(9)</sup> \$	Total Cost \$
																		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<div>(1) For previously abandoned holes enter "0" for depth</div> <div>(2) Wells abandoned per Nevada Administrative Code (NAC 534.420). Hole grouted and perforated from bottom to 50 feet (15.24m) above the top of the screen, or first water encountered or original static water level, depending on vertical hydraulic gradient and well construction parameters. Inert media (cuttings or alluvium) used from top of grout to top seal.</div> <div>(3) Perforation length = amount of blank casing below first water (for confined aquifers) or predicted recovered water table (unconfined aquifers) + 50 feet (15.24m) of blank casing above water table</div> <div>(4) Assumes 50' (15.24m) sanitary seal at top of hole. Therefore, perforation and grouting only required to bottom of sanitary seal.</div> <div>(5) Assumes 100% loss to formation for grout (abandonite) for screened and perforated sections.</div> <div>(6) Assumes 20' (6m) top seal of cement in casing only. See note 4.</div> <div>(7) Inert material is cuttings or alluvium sourced locally.</div> <div>(8) Includes perforation tool wear cost/ft of perforation (see Productivity Sheet).</div> <div>(9) See Productivity Sheet for hourly production. Minimum 1 hr per hole + fixed hours per hole for move and setup. If no perforation required, use standard drill rig.</div> <div>(10) See Productivity Sheet for hourly production. Minimum 1 hr per hole.</div> <div>Notes:</div> <div></div>																											

Monitoring Well Closure																			
	Description (required)	ID Code	Number of Holes	Casing Diam in	Average Depth ft bgs	Top of Screen <sup>(1)</sup> ft bgs	Hole Plug Method (select)	Casing Volume per ft ft3	Grout Volume/ Well <sup>(2,3)</sup> cy	Cement Volume per Hole <sup>(4)</sup> cy	Inert Backfill Volume per Hole <sup>(5)</sup> cy	Total Grouting Hours/ Hole hr	Total Inert Media Hours/ Hole hr	Grout + Cement Labor Cost <sup>(6)</sup> \$	Grout + Cement Equip Cost <sup>(6)</sup> \$	Grout + Cement Material Cost \$	Inert Material Labor Cost <sup>(7)</sup> \$	Inert Material Equip Cost <sup>(7)</sup> \$	Total Cost \$
1	GW/Piezometer Well		1	4.0	360	300	Cement Pl	0.090		0.08	0.77		3.0	\$0	\$0	\$3	\$383	\$132	\$518
														\$0	\$0	\$3	\$383	\$132	\$518

Wells abandoned per NAC 534.420 with bentonite grout placed to 50 feet above the top of the screen (see note 1).

(1) Assumes top of screen is at or above the static water level (in unconfined aquifers) or the depth of first water encountered (in confined aquifers).

(2) Assumes 25% loss to formation for grouting

(3) Grouting only required to 50' (15.24m) above the top of screen because monitor wells are constructed with a seal in the annular space.

(4) Assumes top 20' (6m) plugged with cement.

(5) Assumes hole plugged with inert material (cuttings or alluvium) above grout up to cement surface plug.

(6) See Productivity Sheet for hourly production. Minimum 1 hr per hole + fixed hours per hole for move and setup (see Productivity Sheet).

(7) See Productivity Sheet for hourly production. Minimum 1 hr per hole.

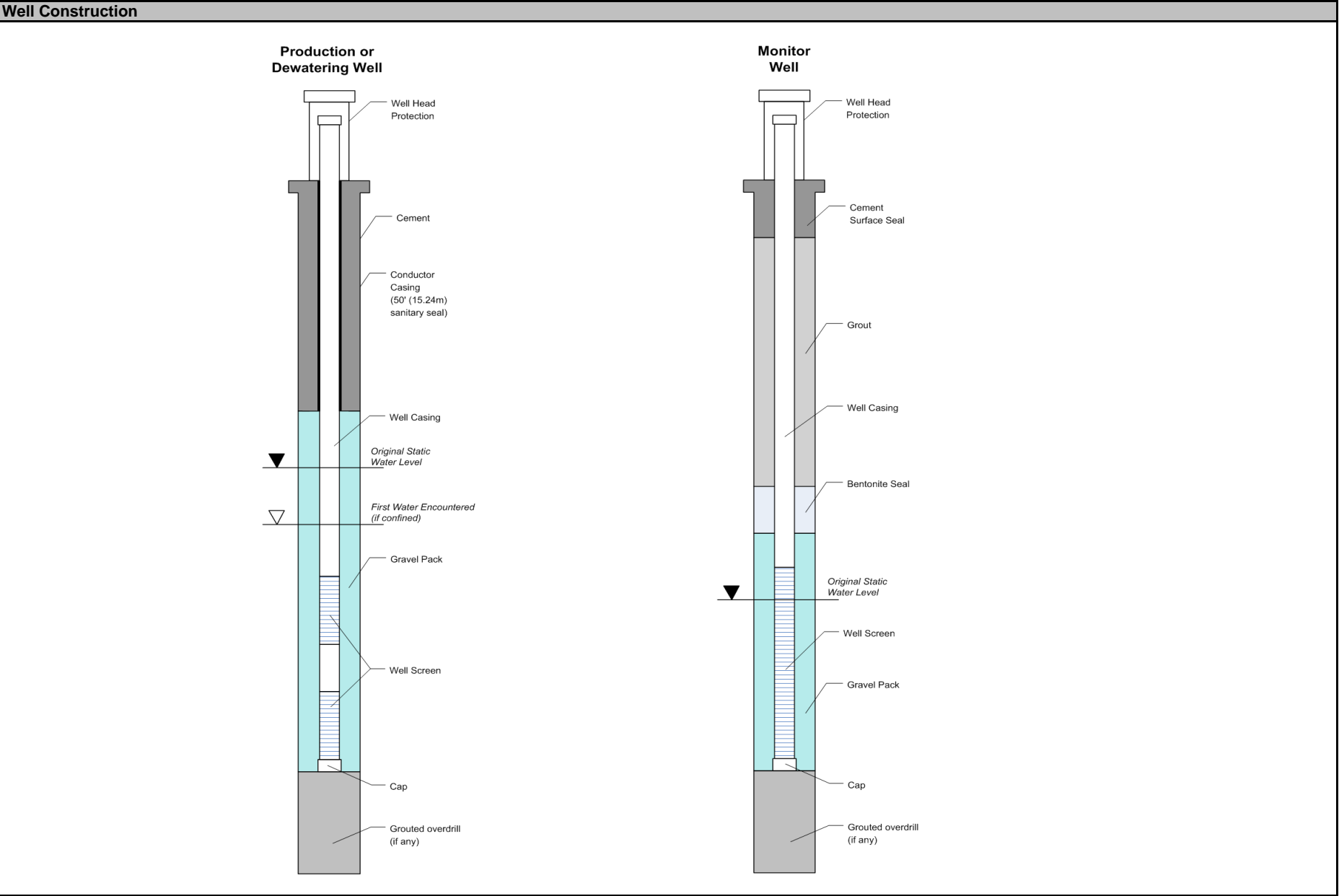
Notes:

Notes:

Closure Cost Estimate  
Well Abandonment

Project Name: Rhyolite Ridge Exploration Project- Notice or Exploration  
Date of Submittal: September 2018  
File Name: 3843I.Rhyolite Ridge Notice.RCE.V2.xlsm  
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Cost Data: User Data  
Cost Data File: SRCE\_Cost\_Data\_File\_1\_12\_Std\_2018.xlsm  
Cost Estimate Type: Surety      Cost Basis: S. Nevada Notice Level

Well Abandonment				
	Labor	Equipment	Materials	Totals
Production, Dewatering, Infiltration Wells	\$0	\$0	\$0	\$0
Monitoring Wells	\$383	\$132	\$3	\$518
TOTALS	\$383	\$132	\$3	\$518





### Closure Cost Estimate Monitoring

Project Name: Rhyolite Ridge Exploration Project- Notice or Exploration

Date of Submittal: September 2018

File Name: 38431.Rhyolite Ridge Notice.RCE.V2.xlsm

Model Version: Version 1.4.1

Cost Data: User Data

Cost Data File: SRCE\_Cost\_Data\_File\_1\_12\_Std\_2018.xlsm

Cost Estimate Type: Surety Cost Basis: S. Nevada Notice Level

Reclamation Monitoring & Maintenance - Cost Summary				
	Labor	Equipment	Lab & Materials	Totals
Revegetation Maintenance	\$45	\$17	\$162	\$224
Erosion Maintenance	\$0	\$0	N/A	\$0
Reclamation Monitoring	\$4,100	\$485	N/A	\$4,585
Subtotal Reclamation Monitoring	\$4,145	\$502	\$162	\$4,809
Water Quality Monitoring	\$0	\$0	\$0	\$0
TOTAL MONITORING	\$4,145	\$502	\$162	\$4,809

Reclamation Maintenance								
Description	Total Revegetation Surface Area (1,2) acres	% Area Requiring Reseeding	Seed Mix (select)	Area Requiring Reseeding acres	Seed \$/acres	Labor \$/acres	Equipment \$/acres	Totals \$
<b>Revegetation Maintenance</b>	4	10%	Mix 3	0.4	\$363.00	\$100.00	\$38.00	
Labor								\$45
Equipment								\$17
Materials								\$162
Cost/Acre								\$501
							Subtotal	\$224

Notes: 1) Surface area is NOT the same as footprint disturbance area typically used for permitting purposes.

	Total Volume Growth Media cy	% Volume Requiring Maintenance	Average Growth Media Placement Cost \$/CY	Volume Requiring Replacement cy		Labor (assume: 25%) \$/acres	Equipment (assume: 75%) \$/acres	Total \$
<b>Erosion Maintenance</b>	0		\$0.00	0		\$0.00	\$0.00	\$0

Notes:

Reclamation Monitoring					
Description	Hrs/Day	Days/Year	Number of Years	Rate \$/hr	
<b>Field Work</b>					
Field Geologist/Engineer				\$149.49	\$0
Range Scientist	6	1	3	\$136.68	\$2,460
<b>Reporting</b>					
Field Geologist/Engineer				\$149.49	\$0
Range Scientist	4	1	3	\$136.68	\$1,640
					Subtotal \$4,100
<b>Travel</b>					
	Hrs/Trip hr	Trips/Year	Years	Truck Cost \$/hr	
Travel	6	1	3	\$26.97	\$485
					Subtotal \$485
Total Reclamation Monitoring					\$4,585

Notes:

**Closure Cost Estimate  
Labor Rates**

Project Name: Rhyolite Ridge Exploration Project- Notice or Exploration  
 Date of Submittal: September 2018  
 File Name: 38431.Rhyolite Ridge Notice.RCE.V2.xlsm  
 Model Version: Version 1.4.1  
 Cost Data: User Data  
 Cost Data File: SRCE\_Cost\_Data\_File\_1\_12\_Std\_2018.xlsm  
 Cost Estimate Type: Surety Cost Basis: S. Nevada Notice Level

Color Code Key	
User Input - Direct Input	Direct Input
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Program Constant (can override)	Alternate Input
Program Calculated Value	Locked Cell - Formula or Reference

ZONE ADJUSTMENTS			
Cost Basis/Project Region	S. Nevada Notice Level	Clark, Esmeralda, Lincoln and Nye Counties	
Power Equipment Operators	>60 miles	\$3.50	
Truck Drivers	>70 miles	\$3.50	
Laborers	>50 miles	\$3.25	
INDIRECT COSTS			
Unemployment (%)	3.00%		
Retirement/SS/Medicare (%)	7.65%		
Workman's Compensation (%)	0.075		
Other Indirects			
State Payroll Tax (13),(15),(17)			
Total Other Indirects	0.00%		

HOURLY LABOR RATE TABLE										
EQUIPMENT TYPE (1) OR JOB DESCRIPTION	Labor Group	Base Rate (\$/hr)	Zone Adjustment (\$/hr)	Hourly Wage (\$/hr)	Fringe (\$/hr)	Retirement/ Medicare (\$/hr)	Unemployment Insurance (\$/hr)	Workman's Compensation (\$/hr)	Other Indirect Costs (\$/hr)	Total (\$/hr)
<b>Equipment Operators (\$/hr) (2)</b>										
<b>Bulldozers</b>										
D6R	Group 6	\$58.62	\$3.50	\$62.12	\$0.00	\$1.86	\$4.75	\$4.66	\$0.00	\$73.39
D6R w/ Winch					\$0.00					
D7R	Group 6	\$58.62	\$3.50	\$62.12	\$0.00	\$1.86	\$4.75	\$4.66	\$0.00	\$73.39
D8R	Group 6	\$58.62	\$3.50	\$62.12	\$0.00	\$1.86	\$4.75	\$4.66	\$0.00	\$73.39
D9R	Group 6	\$58.62	\$3.50	\$62.12	\$0.00	\$1.86	\$4.75	\$4.66	\$0.00	\$73.39
D10R	Group 6	\$58.62	\$3.50	\$62.12	\$0.00	\$1.86	\$4.75	\$4.66	\$0.00	\$73.39
D11R	Group 6	\$58.62	\$3.50	\$62.12	\$0.00	\$1.86	\$4.75	\$4.66	\$0.00	\$73.39
<b>Wheeled Dozers</b>										
824G					\$0.00					
834G					\$0.00					
844					\$0.00					
854G					\$0.00					
<b>Motor Graders</b>										
120H	Group 10	\$58.85	\$3.50	\$62.35	\$0.00	\$1.87	\$4.77	\$4.68	\$0.00	\$73.67
14G/H	Group 10	\$58.85	\$3.50	\$62.35	\$0.00	\$1.87	\$4.77	\$4.68	\$0.00	\$73.67
16G/H	Group 10	\$58.85	\$3.50	\$62.35	\$0.00	\$1.87	\$4.77	\$4.68	\$0.00	\$73.67
24M					\$0.00					
<b>Track Excavators</b>										
312C	Group 12	\$59.02	\$3.50	\$62.52	\$0.00	\$1.88	\$4.78	\$4.69	\$0.00	\$73.87
320C	Group 12	\$59.02	\$3.50	\$62.52	\$0.00	\$1.88	\$4.78	\$4.69	\$0.00	\$73.87
325C	Group 12	\$59.02	\$3.50	\$62.52	\$0.00	\$1.88	\$4.78	\$4.69	\$0.00	\$73.87
330C	Group 12	\$59.02	\$3.50	\$62.52	\$0.00	\$1.88	\$4.78	\$4.69	\$0.00	\$73.87
345B	Group 12	\$59.02	\$3.50	\$62.52	\$0.00	\$1.88	\$4.78	\$4.69	\$0.00	\$73.87
365BL					\$0.00					
385BL	Group 12	\$59.02	\$3.50	\$62.52	\$0.00	\$1.88	\$4.78	\$4.69	\$0.00	\$73.87
<b>Scrapers</b>										
631G	Group 15	\$59.23	\$3.50	\$62.73	\$0.00	\$1.88	\$4.80	\$4.70	\$0.00	\$74.12
637G	Group 15	\$59.23	\$3.50	\$62.73	\$0.00	\$1.88	\$4.80	\$4.70	\$0.00	\$74.12
<b>Wheeled Loaders</b>										
924G	Group 8	\$58.73	\$3.50	\$62.23	\$0.00	\$1.87	\$4.76	\$4.67	\$0.00	\$73.52
928G	Group 8	\$58.73	\$3.50	\$62.23	\$0.00	\$1.87	\$4.76	\$4.67	\$0.00	\$73.52
950G	Group 8	\$58.73	\$3.50	\$62.23	\$0.00	\$1.87	\$4.76	\$4.67	\$0.00	\$73.52
966G	Group 8	\$58.73	\$3.50	\$62.23	\$0.00	\$1.87	\$4.76	\$4.67	\$0.00	\$73.52
972G	Group 8	\$58.73	\$3.50	\$62.23	\$0.00	\$1.87	\$4.76	\$4.67	\$0.00	\$73.52
980G	Group 8	\$58.73	\$3.50	\$62.23	\$0.00	\$1.87	\$4.76	\$4.67	\$0.00	\$73.52
988G	Group 10	\$58.85	\$3.50	\$62.35	\$0.00	\$1.87	\$4.77	\$4.68	\$0.00	\$73.67
990					\$0.00					
992G	Group 10	\$58.85	\$3.50	\$62.35	\$0.00	\$1.87	\$4.77	\$4.68	\$0.00	\$73.67
994D					\$0.00					
L2350					\$0.00					
<b>Shovels</b>										
PC2000					\$0.00					
PC3000					\$0.00					
PC4000					\$0.00					
PC5500					\$0.00					
PC8000					\$0.00					
<b>Hydraulic Hammers</b>										
H-120 (fits 325)										
H-160 (fits 345)										
H-180 (fits 365/385)										
<b>Demolition Shears</b>										
S340 (fits 322/325/330)										
S365 (fits 330/345)										
S390 (fits 365/385)										
<b>Demolition Grapples</b>										
G315 (fits 322/325)										
G320 (fits 325/330)										
G330 (fits 345/365)										

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#### ZONE ADJUSTMENTS

Cost Basis/Project Region	S. Nevada Notice Level	Clark, Esmeralda, Lincoln and Nye Counties
Power Equipment Operators	>60 miles	\$3.50
Truck Drivers	>70 miles	\$3.50
Laborers	>50 miles	\$3.25

#### INDIRECT COSTS

Unemployment (%)	3.00%
Retirement/SS/Medicare (%)	7.65%
Workman's Compensation (%)	0.075
<b>Other Indirects</b>	
State Payroll Tax (13),(15),(17)	
<b>Total Other Indirects</b>	<b>0.00%</b>

#### HOURLY LABOR RATE TABLE

Other Equipment										
420D 4WD Backhoe	Group 4	\$58.40	\$3.50	\$61.90	\$0.00	\$1.86	\$4.74	\$4.64	\$0.00	\$73.13
428D 4WD Backhoe	Group 4	\$58.40	\$3.50	\$61.90	\$0.00	\$1.86	\$4.74	\$4.64	\$0.00	\$73.13
CS533E Vibratory Roller	Group 4	\$58.40	\$3.50	\$61.90	\$0.00	\$1.86	\$4.74	\$4.64	\$0.00	\$73.13
CS633E Vibratory Roller					\$0.00					
CP533E Sheepsfoot Compactor					\$0.00					
CP633E Sheepsfoot Compactor					\$0.00					
Light Truck - 1.5 Ton					\$0.00					
Supervisor's Truck					\$0.00					
Flatbed Truck					\$0.00					
Air Compressor + tools	Group 1	\$55.67	\$3.50	\$59.17	\$0.00	\$1.78	\$4.53	\$4.44	\$0.00	\$69.91
Welding Equipment	Group 6	\$58.62	\$3.50	\$62.12	\$0.00	\$1.86	\$4.75	\$4.66	\$0.00	\$73.39
Heavy Duty Drill Rig	Group 2	\$56.62	\$3.50	\$60.12	\$0.00	\$1.80	\$4.60	\$4.51	\$0.00	\$71.03
Pump (plugging) Drill Rig	Group 2	\$56.62	\$3.50	\$60.12	\$0.00	\$1.80	\$4.60	\$4.51	\$0.00	\$71.03
Concrete Pump					\$0.00					
Gas Engine Vibrator	Group 6	\$58.62	\$3.50	\$62.12	\$0.00	\$1.86	\$4.75	\$4.66	\$0.00	\$73.39
Generator 5KW					\$0.00					
HDEP Welder (pipe or liner)					\$0.00					
5 Ton Crane	Group 8	\$58.73	\$3.50	\$62.23	\$0.00	\$1.87	\$4.76	\$4.67	\$0.00	\$73.52
20 Ton Crane	Group 8	\$58.73	\$3.50	\$62.23	\$0.00	\$1.87	\$4.76	\$4.67	\$0.00	\$73.52
50 Ton Crane	Group 8	\$58.73	\$3.50	\$62.23	\$0.00	\$1.87	\$4.76	\$4.67	\$0.00	\$73.52
120 Ton Crane					\$0.00					

#### NOTES:

(1) Equipment Type:	Caterpillar model or equivalent, LeTourneau
(2) Equipment Operator Source:	D-B NV180034 01/05/2018
(3) Zone Basis:	From Las Vegas City Hall

#### Truck Drivers (\$/hr) (4)

725	Group 4	\$46.62	\$3.50	\$50.12	\$0.00	\$1.50	\$3.83	\$3.76	\$0.00	\$59.22
730	Group 4	\$46.62	\$3.50	\$50.12	\$0.00	\$1.50	\$3.83	\$3.76	\$0.00	\$59.22
735	Group 4	\$46.62	\$3.50	\$50.12	\$0.00	\$1.50	\$3.83	\$3.76	\$0.00	\$59.22
740	Group 4	\$46.62	\$3.50	\$50.12	\$0.00	\$1.50	\$3.83	\$3.76	\$0.00	\$59.22
769D	Group 4	\$46.62	\$3.50	\$50.12	\$0.00	\$1.50	\$3.83	\$3.76	\$0.00	\$59.22
773E					\$0.00					
777D	Group 4	\$46.62	\$3.50	\$50.12	\$0.00	\$1.50	\$3.83	\$3.76	\$0.00	\$59.22
785C					\$0.00					
793C					\$0.00					
797B					\$0.00					
613E (5,000 gal) Water Wagon	Group 3	\$46.44	\$3.50	\$49.94	\$0.00	\$1.50	\$3.82	\$3.75	\$0.00	\$59.00
621E (8,000 gal) Water Wagon	Group 4	\$46.62	\$3.50	\$50.12	\$0.00	\$1.50	\$3.83	\$3.76	\$0.00	\$59.22
777D Water Truck					\$0.00					
785C Water Truck					\$0.00					
Dump Truck (10-12 yd3 )	Group 2	\$46.23	\$3.50	\$49.73	\$0.00	\$1.49	\$3.80	\$3.73	\$0.00	\$58.76

#### NOTES:

(4) Truck Driver Source:	D-B NV18003401/05/2018
(5) Zone Basis:	From Las Vegas City Hall

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	<b>S. Nevada Notice Level</b>	Clark, Esmeralda, Lincoln and Nye Counties
Cost Basis/Project Region		
Power Equipment Operators	>60 miles	\$3.50
Truck Drivers	>70 miles	\$3.50
Laborers	>50 miles	\$3.25

Unemployment (%)	3.00%	
Retirement/SS/Medicare (%)	7.65%	
Workman's Compensation (%)	0.075	

State Payroll Tax (13),(15),(17),	
<b>Total Other Indirects</b>	<b>0.00%</b>

Laborers (\$/hr) (6.7)										
General Laborer	Group 1	\$42.94	\$3.25	\$46.19	\$0.00	\$1.39	\$3.53	\$3.46	\$0.00	\$54.57
Skilled Laborer	Group 3	\$43.25	\$3.25	\$46.50	\$0.00	\$1.40	\$3.56	\$3.49	\$0.00	\$54.94
Driller's Helper	Group 2	\$43.15	\$3.25	\$46.40	\$0.00	\$1.39	\$3.55	\$3.48	\$0.00	\$54.82
Rodmen (reinforcing concrete)	Group 4	\$43.34	\$3.25	\$46.59	\$0.00	\$1.40	\$3.56	\$3.49	\$0.00	\$55.05
Cement finisher	Group 4	\$43.34	\$3.25	\$46.59	\$0.00	\$1.40	\$3.56	\$3.49	\$0.00	\$55.05
Carpenter		\$48.95	\$3.25	\$52.20	\$0.00	\$1.57	\$3.99	\$3.92	\$0.00	\$61.67

(6) Laborer Source:	D-B SUNV2011-001 10/1/2010
(7) Carpenter Source:	D-B SUNV2011-001 10/1/2010
(8) Zone Basis:	From Las Vegas City Hall

[illegible]

<b>(9) Project Manager:</b>	R.S.Means 2018 Q2 (01 31 1320 0200 Total Incl.O&P-10%) Adjusted for Elko, NV
(9) Foreman Source:	R.S.Means 2018 Q2 (01 31 1320 0200 Total Incl.O&P-10%) Adjusted for Elko, NV
(9) Technical Labor Source:	SRK Consulting 2018 (Total Incl. O&P-10%) Adjusted for Zone,Tax and Ins.
Other Labor Source:	
Other Labor Source:	
Additional User Markups	
(These are added by the user to the base rate to account for site-specific conditions or corporate requirements)	

2018 MOB/DEMOB using R.S. MEANS and SRCE equipment and DAVIS-BACON wages										
blue font is for project specific user input		Miles from Washoe County Courthouse to project, one way							300	
		Miles from equipment rental yard to project, one way (9)							283	
PMU - Rhyolite Ridge Notice - September 2018, Mob from Las Vegas, NV							Hours travel time @ 55 MPH		5.15	
Equipment	Mobilization \$/hour (1)	\$ Flat Rate load & unload (2)	\$/hour Deadhead (empty return cost (3)	Disassembly and assembly (4)	Permit cost \$ (5)	Pilot car costs	# of units	One Way Mob Cost	Total Mob and Demob Cost	
Bulldozers										
D6R	\$ 99	\$ 99	\$ 99	\$ -	\$ -	\$ -	1	\$ 1,113	\$	2,225
D7R	\$ 128	\$ 128	\$ 128	\$ -	\$ 25	\$ 466	1	\$ 1,933	\$	3,866
D8R	\$ 150	\$ 150	\$ 150	\$ -	\$ 25	\$ 649		\$ -	\$	-
D9R	\$ 150	\$ 150	\$ 150	\$ -	\$ 25	\$ 649		\$ -	\$	-
D10R	\$ 150	\$ 150	\$ 150	\$ 65,940	\$ 25	\$ 974		\$ -	\$	-
D11R (two transports) (7)	\$ 150	\$ 150	\$ 150	\$ 139,848	\$ 25	\$ 649		\$ -	\$	-
Motor Graders										
14G/H	\$ 99	\$ 99	\$ 99	\$ -	\$ -	\$ -		\$ -	\$	-
16G/H	\$ 128	\$ 128	\$ 128	\$ -	\$ 25	\$ 325		\$ -	\$	-
Track Excavators										
320C	\$ 128	\$ 128	\$ 128	\$ -	\$ -	\$ -		\$ -	\$	-
325C	\$ 128	\$ 128	\$ 128	\$ -	\$ -	\$ -		\$ -	\$	-
345B	\$ 150	\$ 150	\$ 150	\$ -	\$ 25	\$ 649		\$ -	\$	-
385BL	\$ 150	\$ 150	\$ 150	\$ 46,260	\$ 25	\$ 649		\$ -	\$	-
Scrapers										
631G	\$ 150	\$ 150	\$ 150	\$ -	\$ 25	\$ 649		\$ -	\$	-
637G PP	\$ 150	\$ 150	\$ 150	\$ -	\$ 25	\$ 649		\$ -	\$	-
Wheeled Loaders										
928G	\$ 99	\$ 99	\$ 99	\$ -	\$ -	\$ -		\$ -	\$	-
966G	\$ 99	\$ 99	\$ 99	\$ -	\$ -	\$ -		\$ -	\$	-
972G	\$ 128	\$ 128	\$ 128	\$ -	\$ -	\$ -		\$ -	\$	-
988G	\$ 128	\$ 128	\$ 128	\$ -	\$ 25	\$ 325		\$ -	\$	-
992G (two transports) (7)	\$ 150	\$ 150	\$ 150	\$ 76,440	\$ 25	\$ 649		\$ -	\$	-
Hydraulic Hammers										
H-120 (fits 325) no charge, mobilize with machine	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
H-160 (fits 345) no charge, mobilize with machine	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
H-180 (fits 365/385) no charge, mobilize with machine	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
Other Equipment										
420D 4WD Backhoe	\$ 99	\$ 99	\$ 99	\$ -	\$ -	\$ -		\$ -	\$	-
CS563E Vibratory Roller	\$ 99	\$ 99	\$ 99	\$ -	\$ -	\$ -		\$ -	\$	-
Light Truck - 1.5 Ton	\$ 63	\$ 63	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
Supervisor's Truck	\$ 56	\$ 56	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
Air Compressor + tools	\$ 78	\$ 78	\$ 78	\$ -	\$ -	\$ -		\$ -	\$	-
Welding Equipment	\$ 78	\$ 78	\$ 78	\$ -	\$ -	\$ -		\$ -	\$	-
Heavy Duty Drill Rig	\$ 392	\$ 392	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
Pump (plugging) Drill Rig	\$ 392	\$ 392	\$ -	\$ -	\$ -	\$ -	1	\$ 2,408	\$	4,816
Concrete Pump	\$ 78	\$ 78	\$ 78	\$ -	\$ -	\$ -		\$ -	\$	-
Gas Engine Vibrator	\$ 78	\$ 78	\$ 78	\$ -	\$ -	\$ -		\$ -	\$	-
Generator 5KW	\$ 78	\$ 78	\$ 78	\$ -	\$ -	\$ -		\$ -	\$	-
HDEP Welder (pipe or liner)	\$ 78	\$ 78	\$ 78	\$ -	\$ -	\$ -		\$ -	\$	-
5 Ton Crane Truck	\$ 94	\$ 94	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
25 Ton Crane	\$ 135	\$ 135	\$ -	\$ -	\$ -	\$ -		\$ -	\$	-
Trucks										
725	\$ 99	\$ 99	\$ 99	\$ -	\$ -	\$ -		\$ -	\$	-
740	\$ 128	\$ 128	\$ 128	\$ -	\$ 25	\$ 325		\$ -	\$	-
769D	\$ 128	\$ 128	\$ 128	\$ -	\$ 25	\$ 649		\$ -	\$	-
777D (two transports) (8)	\$ 150	\$ 150	\$ 150	\$ 73,452	\$ 25	\$ 974		\$ -	\$	-
613E (5,000 gal) Water Wagon	\$ 150	\$ 150	\$ 150	\$ -	\$ -	\$ -		\$ -	\$	-
621E (8,000 gal) Water Wagon	\$ 150	\$ 150	\$ 150	\$ -	\$ 25	\$ 649		\$ -	\$	-
Dump Truck (10-12 yd³)	\$ 112	\$ 112	\$ 112	\$ -	\$ -	\$ -		\$ -	\$	-
Miscellaneous										
Equipment for dry hole abandonment (420D 4WD)	\$ 99	\$ 99	\$ 99	\$ -	\$ -	\$ -		\$ -	\$	-
Pilot car (Light Truck)	\$ 56	\$ 56	\$ 56	\$ -	\$ -	\$ -		\$ -	\$	-
Truck Tractor + Lowbed Trailer 75 ton	\$ 150	\$ 150	\$ 150	\$ -	\$ -	\$ -		\$ -	\$	-
Truck Tractor + Flatbed Trailer 40 ton	\$ 128	\$ 128	\$ 128	\$ -	\$ -	\$ -		\$ -	\$	-
Light Truck + Flatbed Trailer 25 ton	\$ 78	\$ 78	\$ 78	\$ -	\$ -	\$ -		\$ -	\$	-
							3	\$ 10,908		
Footnotes and explanations of assumptions										
(1) The sum of the cost of equipment from either the SRCE or RSM equipment tab plus Davis-Bacon labor tab										
(2) Assumes minimum of 30 minutes load and secure and 30 minutes unsecure and unload machine.										
(3) No "Deadhead" (empty) charge for Mob up to 50 miles. More than 50 miles the cost of deadhead same rate as loaded miles.										
(4) Only large equipment requires disassembly for transport. Includes cost of mechanic + mechanic's truck + crane operator + crane.										
(5) Nevada Dept. of Transportation overdimensional permits are \$25 per trip or \$60 per year.										
(6) Sum of mobilization plus all ancillary costs for one way loaded and return empty.										
(7) Two transports are required but the second transport does not need pilot cars or permits or a heavy duty trailer.										
(8) Two transports required with both requiring full complement of pilot cars and permits.										
(9) For large mining operations, mobilization may be required from more than one location. For example, the Elko yard may not have four 631 scrapers. Additional equipment may need to mobilize from Reno, Las Vegas, or Salt Lake City. Input the further distance here.										
(10) Pilot Car costs based on SRCE light truck costs and Davis-Bacon wages										
(11) SRCE costs based on July 2018 vendor quotes.										
(12) RS Means costs based on R.S. Means Heavy Construction Cost Data, 2018, Q2										
(13) Davis Bacon wages based on 2018 determination.										